

PRODUCT INFORMATION GUIDE

Mission m74 Loudspeaker

A large, two-way floor standing loudspeaker, the Mission **m74** loudspeaker has a wide frequency response with ultra-high efficiency and extensive power handling. The rigidly braced cabinet produces amazingly extended, powerful bass with minimal cabinet coloration while the curved, profiled front baffle offers outstanding imaging and perspective. The sheer micro-fibre dome treble unit provides smooth well-integrated upper midrange and treble and the whole speaker produces a performance of remarkable ease and depth.

A tremendous value-for-money all round performer, the Mission **m74** is ideal for both music and home theatre installations.

Construction

Enclosure	19mm high density particle board
Baffle	High rigidity 22mm MDF with high-impact ABS baffle moulding
Ports	Anti-turbulence port tube with optional resistive loading
Grille	Acoustically transparent
Damping	Acoustic long-hair fibre

Electrical

L.F. Unit	Twin 160mm bonded woven glass composite cones with 25mm voice coils
HF unit	25mm sheer Micro-Fibre soft dome with FF cooling
Cross-Over	Acoustic Second Order
Terminals	Gold-plated, bi-wire multi-way binding posts

Specifications

Enclosure Type	2-Way Reflex Loaded
Frequency Response ± 3 dB	44Hz to 20kHz
Sensitivity SPL/m/2.83V	91 dB
Cross-Over Frequency	2.9 kHz
Effective Volume	40.5 Litres
Nominal Impedance	8 Ohm compatible (min. 4.8 Ohms)
Recommended amplifier power	25 - 150 W/Ch
Cabinet Dimensions (H x W x D)	950 x 200 x 325 (mm)
Finish	Graphite Black and European Beech

Features

Unique *IDG* inverted driver geometry
Rigid, profiled MDF baffle
High Impact ABS moulded baffle

High dB/watt efficiency
Anti-turbulence port
Sheer Micro-Fibre soft dome HF unit
Neodymium HF unit magnet
Laser trimmed pressure balanced dome
High-quality crossover components

Bonded woven glass composite LF cone
Pressure balanced, ventilated spider
Magnetically shielded

Benefits

- smooth phase response throughout the cross-over region
- improved transient performance
- excellent HF dispersion and low diffraction to improve stereo imaging and create precise images in space
- equivalent to extra power for amplifier - greater dynamic range
- clean, tight bass with optional resistive loading for room optimisation
- ensures excellent high and low level resolution
- improved microdynamics and reduced signal induced demagnetisation effects
- improved dynamics and reduced time smear
- Silicon Steel inductors reduce level dependant distortion.
Audiophile grade Polyester Capacitors increase detail transmission
- stiff and light ensuring good sensitivity with superb LF response
- improved dynamics and reduced time smear
- suitable for all AV systems

Setting Up

- RUN IN for a minimum of 24 hours with music programme
- Place 30 - 50cm from rear wall, smaller rooms need less distance
- Utilise optional resistive loading to optimise bass performance for wall-mount locations
- Ensure minimal toe-in is used, imaging will be impaired
- May be used with any competent budget electronics
 - Will clearly show improvements as source improves

PRELIMINARY INFORMATION